IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

QUINSTREET, INC.,)
Plaintiff,)
ν.) Orivil Action No. 06-495 SLR
EPICREALM LICENSING, LP,)
Defendant.)

NOTICE OF ACTION BY THE UNITED STATES PATENT AND TRADEMARK OFFICE

Plaintiff Quinstreet, Inc. hereby provides notice to the Court that the United States

Patent and Trademark Office ("PTO") has granted reexamination of the patents involved in the
above-captioned action. Copies of the PTO communications reflecting the grant of
reexamination are attached hereto as Exhibits A and B.

OF COUNSEL:
Robert S. Beiser
Richard A. Zachar
Ludwig E. Kolman
Vedder, Price, Kaufman & Kammholz, P.C.
222 North LaSalle Street
Suite 2500
Chicago, Illinois 60601
312.609.7500

and

Gordon C. Atkinson Cooley Godward LLP 101 California Street, 5th Flr. San Francisco, California 94111 415.693.2000

Dated: May 18, 2007

Robert H. Richards, III (#706)

rrichards@rlf.com

Jeffrey L. Moyer (#3309)

moyer@rlf.com

Anne Shea Gaza (#4093)

gaza@rlf.com

Richards, Layton & Finger

One Rodney Square

920 N. King Street

Wilmington, Delaware 19899-0551

302-651-7700

Attorneys for Plaintiff QuinStreet, Inc.

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO.
90/008,584 04/03/2007		6415335	FRIENDFINDER RX2	3276	
	7590	05/04/2007		EXAM	INER
Matthew B. Talpis, Esq. BAKER BOTTS, L.L.P.		Scott L. Weaver			
2001 Ross A	,	• •		ART UNIT	PAPER NUMBER
Suite 600 Dallas, TX 75201-2980		3992	IFW		
			DATE MAILED: 05/04/200	7	

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Palants
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Page 4 of 31

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(THIRD PARTY REQUESTER'S CORRESPONDENCE ADDRESS)

INTELLECTUAL PROPERTY LAW GROUP LLP

12 SOUTH FIRST STREET

SUITE 1205

SAN JOSE, CA 95113

EX PARTE REEXAMINATION COMMUNICATION TRANSMITTAL FORM

REEXAMINATION CONTROL NO. 90/008,584.

PATENT NO. 6415335.

ART UNIT 3992.

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified *ex parte* reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filing a reply has passed, no submission on behalf of the *ex parte* reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

		Control No.	Patent Under Ree	examination
Order Granting / Denying Request For Ex Parte Reexamination	auest For	90/008,584	6415335	
		Examiner	Art Unit	T
		Scott L. Weaver	3992	
The MAILING DATE of this com	nunication appo	ears on the cover sheet with the	e correspondence	address
The request for ex parte reexamination filed <u>03 April 2007</u> has been considered and a determination has been made. An identification of the claims, the references relied upon, and the rationale supporting the determination are attached.				
Attachments: a) PTO-892,	b)⊠ PT	O/SB/08, c)⊠ Other: إ	Decision on Red	<u>quest</u>
1. X The request for ex parte re	examination is	GRANTED.		
RESPONSE TIMES A	ARE SET AS F	FOLLOWS:		
For Patent Owner's Statement (4) (37 CFR 1.530 (b)). EXTENSIO	For Patent Owner's Statement (Optional): TWO MONTHS from the mailing date of this communication (37 CFR 1.530 (b)). EXTENSIONS OF TIME ARE GOVERNED BY 37 CFR 1.550(c).			
For Requester's Reply (optional): TWO MONTHS from the date of service of any timely filed Patent Owner's Statement (37 CFR 1.535). NO EXTENSION OF THIS TIME PERIOD IS PERMITTED. If Patent Owner does not file a timely statement under 37 CFR 1.530(b), then no reply by requester is permitted.				
2. The request for ex parte reexamination is DENIED.				
This decision is not appealable (35 U.S.C. 303(c)). Requester may seek review by petition to the Commissioner under 37 CFR 1.181 within ONE MONTH from the mailing date of this communication (37 CFR 1.515(c)). EXTENSION OF TIME TO FILE SUCH A PETITION UNDER 37 CFR 1.181 ARE AVAILABLE ONLY BY PETITION TO SUSPEND OR WAIVE THE REGULATIONS UNDER 37 CFR 1.183.				
In due course, a refund under 37 CFR 1.26 (c) will be made to requester:				
a) Dy Treasury check or,				
b) Deposit Account No, or				
c) by credit to a credit card account, unless otherwise notified (35 U.S.C. 303(c)).				
cc:Requester (if third party requester)				······································
PTOL-471 (Rev. 08-06)	Office Action in	Ex Parte Reexamination	Part of Page	ar No. 20070425

Application/Control Number: 90/008,584

Art Unit: 3992

Decision on Request for Ex Parte Reexamination

Reexamination has been requested for claims 1-29 of United States Patent Number 6,415,335 to Lowery et al. issued on July 2, 2002 from divisional application No. 09/234,048 claiming priority to the 5,894,554 patent to Lowery filed on April 23, 1996 and subject of reexamination control number 90/008,342.

A substantial new question of patentability affecting claims 1-29 of United States Patent Number 6,415,3356 to Lowery is raised by the request for reexamination filed on April 3, 2007 for the reasons set forth below.

The References Cited in The Request

The Request identifies the following documents as providing teachings relevant to claims 1-29 of United States Patent Number 6,415,335 to Lowery.

Exhibit B: Installation and Planning Guide for Microsoft Internet Information Server, Version 1.0 ("Installation Guide").

Exhibit C: ODBC Web Database Add-on for Microsoft Internet Server Beta Release Notes (Exhibit B and C collectively hereafter referred to as "ODBC Notes").

Exhibit D: Oracle® Web Server User's Guide, Release 1.0 (1995).

Exhibit E: Katrina Montinola, "The Oracle WebServer: A Technical Discussion," September 25, 1995 (Exhibit D and E collectively hereafter referred to as "the Oracle references").

Exhibit F: John Gaffney, "Illustra's Web DataBlade Module, An Illustra Technical Paper," SIGMOD Record, Vol. 25, No. 1, March 1996 (hereafter "Illustra").

Exhibit G: Carl Lagoze, Erin Shaw, James R. Davis and Dean B. Krafft, "Dienst: Implementation Reference Manual," pp. 1-69 (May 5, 1995) (hereafter "Lagoze" or "Dienst").

Exhibit H: Alexander Clausnitzer, Pavel vogel and Stephan Wiesener, "A WWW Interface to the OMNIS/Myriad Literature Retrieval Engine" (1995) (hereafter "Clausnitzer").

Exhibit I: Christian Derler, "The World-Wide Web Gateway to Hyper-G: Using a Connectionless Protocol to Access Session-Oriented Services," Institut fur Informationsverarbeitung und Computergestutzte neue Medien, pp. 1-104 (March 1995) (hereafter "Derler").

Exhibit J: U.S. Patent No. 6,249,291 to Popp (hereafter Popp)

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Exhibit K: Bowman et al., "Harvest: A scalable, Customizable Discovery and Access

System" (March 12, 1995) (hereafter "Harvest").

Exhibit L: Antchev et al., "A WWW Learning Environment for Mathematics" (December

12, 1995) (hereafter "Antchev").

Exhibit M: Ashley Beitz, Renato Iannella, Andreas Vogel, zhonghua Yang, "integrating

WWW and Middleware" (May 2, 1995) (hereafter "Beitz").

Exhibit N: Ari Luotonen, and Kevin Altis, "World-Wide Web Proxies" (April 1994)

(hereafter "Luotonen").

Exhibit O: Richard Knudson, "Application Development with Microsoft's Internet

Information Server" (February 2, 1996) (hereafter "Knudson").

Each of the references listed as Exhibit B through Exhibit O above has not previously been made of record during prosecution of the application which became the 6,415,335 patent to Lowery and as such has not been previously considered nor addressed during an 'examination' of the application which became the 6,415,335 patent to Lowery, nor in a final holding of invalidity by the Federal Courts. The references listed above are not cumulative to the prior art of record.

Prosecution History

The 6,415,335 patent to Lowery discloses management of dynamic web page generation requests to a web server with the request intercepted and routed from web server to a page server such as to release the web server from processing the request and so that the web server may process other requests concurrently. A dynamically generated web page with data dynamically retrieved from one or more data sources is generated from the intercepted request and sent back to the requesting client or stored on machine accessible to web server for later retrieval (col. 2, ln., 21-32; col. 4, ln. 54-62; col. 5, ln. 38-48; col. 6, ln. 19-31).

Claim 1 is representative:

1. A computer-implemented method for managing a dynamic Web page generation request to a Web server, said computer-implemented method comprising the steps

routing a request from a Web server to a page server, said page server receiving said request and releasing said Web server to process other requests wherein said routing step further includes the steps of:

intercepting said request at said Web server and routing said request to said page server;

processing said request, said processing being performed by said page server

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Page 4

while said Web server concurrently processes said other requests; dynamically generating a Web page in response to said request, said Web page including data dynamically retrieved from one or more data sources.

2. The computer-implemented method in claim 1 wherein said step of routing said request includes the steps of: routing said request from said Web server to a dispatcher; and dispatching said request to said page server.

The examiner did not indicate a reasons for allowance during prosecution of the application which became the 6,415,335 patent to Lowery.

Issues Raised in the Request

The Requestor alleges that an SNQ is raised by Exhibits B and C collectively (ODBC Notes).

It is agreed that the consideration of Exhibit B and C (ODBC Notes) raises a substantial new question of patentability as to claims 1-12, 15-26 and 29 of the 6,415,335 patent to Lowery.

Request pages 14-15 are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in ODBC Notes that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, ODBC Notes provides a discussion of features of the Microsoft Internet Information Server as shown in figure 2 of page 2 of the Release Notes Document portion of ODBC Notes which provides dynamic generation of web pages using a database connector as described in steps one through six on pages 14-15 of the request. Requester takes the position that the web server performs as a dispatcher dispatching the requests to database(s) and necessarily releases connections in order to support the described multiple simultaneous connections.

There is a substantial likelihood that a reasonable examiner would have considered the ODBC Notes reference describing these features important in making a decision as to the patentability of claims 1-12, 15-26 and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The ODBC Notes references describing the dynamic generation of a web page using the database connector and dispatch of requests to database by web server as described on pages 14-15 and 35-44 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, ODBC Notes raises a substantial new question of patentability as to claims 1-12, 15-26 and 29, which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

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The Requestor alleges that an SNQ is raised by Exhibits D and E collectively (the Oracle references).

It is agreed that the consideration of Exhibit D and E (the Oracle references) raises a substantial new question of patentability as to claims 1-12, 15-26 and 29 of the 6,415,335 patent to Lowery.

Request pages 17-18 are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in the Oracle references that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, the Oracle references provides a discussion of features of Release 1.0 of Oracle Web Server, which disclose a Listener which determines if a received request from a client is for a dynamic or static document (p.1-3 Exhibit C and p.3 Exhibit D). A web agent is invoked if the request is for a dynamic document and thus the interception of the request occurs at the listener. The web agent is described as serving as a dispatcher which dispatches a request to a dynamic web page server (Oracle Server 7) and releasing the listener to process other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Oracle references describing these features important in making a decision as to the patentability of claims 1-12, 15-26 and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Oracle references describing the dynamic generation of a web page using the described components including the Listener, Agent, and server to dispatch requests as described on pages 17-18 and 44-56 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, the Oracle references raises a substantial new question of patentability as to claims 1-12, 15-26 and 29, which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit F (Illustra).

It is agreed that the consideration of Exhibit F (Illustra) raises a substantial new question of patentability as to claims 1-6, 8-11,15-20, 22-25, and 29 of the 6,415,335 patent to Lowery.

Request pages 21-22 section C are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Illustra that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, Illustra provides a discussion of features of the Illustra web server architecture for generating a dynamic web page as shown on page 110 figure 2 of Illustra.

There is a substantial likelihood that a reasonable examiner would have considered the Illustra reference describing these features important in making a decision as to the patentability of

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claims 1-6, 8-11,15-20, 22-25, and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Illustra reference describing the dynamic generation of a web page using the described components as described on pages 21-22 and 56-63 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, Illustra raises a substantial new question of patentability as to claims 1-6, 8-11,15-20, 22-25, and 29, which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit G (Lagoze (Dienst))

It is agreed that the consideration of Exhibit G (Lagoze (Dienst)) raises a substantial new question of patentability as to claims 1-5, 8-11,15-19, 22-25, and 29 of the 6,415,335 patent to Lowery.

Request pages 22-24 section D are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Lagoze (Dienst)) that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, Lagoze (Dienst)) provides a discussion of Dienst which includes a system and method for managing requests for documents ("Web Pages") stored on page server (Dienst server) or other server from WWW clients. The requester indicates that Dienst discloses the requests from the client being intercepted at the server by a CGI (Common Gateway Interface) stub as shown via figure 2 on page 10 of Dienst. The CGI stub dispatches the requests to a page server (Dienst server) which retrieve the requested dynamic content for delivery to the requesting client and which allows the WWW server to handle other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Lagoze reference (Dienst) describing the dynamic generation of a web page using the Dienst Server, WWW server and CGI stub important in making a decision as to the patentability of claims 1-5, 8-11,15-19, 22-25, and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Lagoze (Dienst) reference describing the dynamic generation of a web page using the described components as described on pages 22-24 and 63-73 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, Lagoze (Dienst) raises a substantial new question of patentability as to claims 1-5, 8-11,15-19, 22-25, and 29, which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

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The Requestor alleges that an SNQ is raised by Exhibit H (Clausnitzer).

It is agreed that the consideration of Exhibit H (Clausnitzer) raises a substantial new question of patentability as to claims 1-6, 8-11,15-20, 22-25, and 29 of the 6,415,335 patent to Lowery.

Request pages 24-26 section E are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Clausnitzer that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, Clausnitzer provides a discussion of a WWW interface to a search and retrieval system as shown in figure 5 as shown on page 25 of the request. The figure and explanation accompanying show a CGI gateway program, OMNIS servers and document servers which manages requests for documents stored on a server from WWW clients. The request indicates the requests from the client being intercepted at the server by a CGI (Common Gateway Interface) stub as shown via figure 5 of Clausnitzer.

There is a substantial likelihood that a reasonable examiner would have considered the Clausnitzer reference describing these features important in making a decision as to the patentability of claims 1-6, 8-11,15-20, 22-25, and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Clausnitzer reference describing the dynamic generation of a web page using the described components as described on pages 24-26 and 73-81 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, Clausnitzer raises a substantial new question of patentability as to claims 1-6, 8-11,15-20, 22-25, and 29, which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit I (Derler).

It is agreed that the consideration of Exhibit I (Derler) raises a substantial new question of patentability as to claims 1-7, 15-21, and 29 of the 6,415,335 patent to Lowery.

Request pages 26-29 section F are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Derler that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, Derler provides a discussion of a WWW (world wide web) Gateway which includes software features including Master, Slave, and Child processes which intercept and dispatch requests to the page server (a Hyper-G server) while the WWW Gateway processes other requests. Derler describes the generation of dynamic web pages using architecture as shown in figure 4.17 on page 95.

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There is a substantial likelihood that a reasonable examiner would have considered the Derler reference describing the dynamic generation of a web page using the Master, Slave, Child processes of the gateway and Hyper-G server important in making a decision as to the patentability of claims 1-7, 15-21, and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Derler reference describing the dynamic generation of a web page using the described components as described on pages 26-29 and 81-90 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, Derler raises a substantial new question of patentability as to claims 1-7, 15-21, and 29 which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit J (Popp).

It is agreed that the consideration of Exhibit J (Popp) raises a substantial new question of patentability as to claims 1-4, 6, 8-11, 15-18, 20-24 and 29 of the 6,415,335 patent to Lowery.

Request pages 29-31 section G are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Popp that was not present in the prosecution of the application which became the 6,415,335 patent to Lowery.

In summary, Popp provides a discussion of using a web server, CGI Messenger and page servers to generate dynamic web pages. The CGI messenger takes over the request for dynamic content and acts as a dispatcher releasing the web server to process other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Popp reference describing the dynamic generation of a web page using these features important in making a decision as to the patentability of claims 1-4, 6, 8-11, 15-18, 20-24 and 29 during the examination of the application which became the 6,415,335 patent to Lowery. The Popp reference describing the dynamic generation of a web page using the described components as described on pages 29-31 and 90-97 of the request was not before the office during any previous examination of the application which became the 6,415,335 patent to Lowery.

Accordingly, Popp raises a substantial new question of patentability as to claims 1-4, 6, 8-11, 15-18, 20-24 and 29 which question has not been decided in a previous examination of the 6,415,335 patent to Lowery.

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Art Unit: 3992

Requestor further alleges that claims 5-14, and 19-28, may be unpatentable in consideration of various combinations of exhibits A-J and secondary references K-O as indicated on pages 97-101 of the request. Since each of the exhibits A-J as indicated in the request is considered to raise a substantial new question of patentability as noted above, the combinations of exhibits in combination therewith as suggested on pages 97-101 of the request also raises substantial new question of patentability for similar reasons.

All claims 1-29 of the 6,415,335 patent to Lowery will be reexamined as requested in the request filed on 4/03/2007.

Extensions of time under 37 CFR 1.136(a) will not be permitted in these proceedings because the provisions of 37 CFR 1.136 apply only to "an applicant" and not to parties in a reexamination proceeding. Additionally, 35 U.S.C. 305 requires that ex parte reexamination proceedings "will be conducted with special dispatch" (37 CFR 1.550(a)). Extensions of time in ex parte reexamination proceedings are provided for in 37 CFR 1.550(c).

The patent owner is reminded of the continuing responsibility under 37 CFR 1.565(a) to apprise the Office of any litigation activity, or other prior or concurrent proceeding, involving U.S. Patent Number 6,415,335 throughout the course of this reexamination proceeding. The third party requester is also reminded of the ability to similarly apprise the Office of any such activity or proceeding throughout the course of this reexamination proceeding. See MPEP §§ 2207, 2232 and 2286.

Application/Control Number: 90/008,584

Art Unit: 3992

Please mail any communications to: Attn: Mail Stop "Ex Parte Reexam" Central Reexamination Unit Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450

Please FAX any communications to: (571) 273-9900 Central Reexamination Unit

Please hand-deliver any communications to: Customer Service Window Attn: Central Reexamination Unit Randolph Building, Lobby Level 401 Dulany Street Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the Reexamination Legal Advisor or Examiner, or as to the status of this proceeding, should be directed to the Central Reexamination Unit at telephone number (571) 272-7705.

Scott L. Weaver Primary Examiner

Central Reexam Unit 3992

(571) 272-7548

SCOTT L. WEAVER CRU EXAMINER-AU 3992 Conferees:

ROLAND G. FOSTER CRU EXAMINER-AU 3992

MARK J. REINHART **SPRE-AU 3992 CENTRAL REEXAMINATION UNIT**

NOTICE RE PATENT OWNER'S CORRESPONDENCE ADDRESS

Effective May 16, 2007, 37 CFR 1.33(c) has been revised to provide that:

The patent owner's correspondence address for all communications in an ex parte reexamination or an inter partes reexamination is designated as the correspondence address of the patent.

Revisions and Technical Corrections Affecting Requirements for Ex Parte and Inter Partes Reexamination, 72 FR 18892 (April 16, 2007) (Final Rule)

The correspondence address for any pending reexamination proceeding not having the same correspondence address as that of the patent is, by way of this revision to 37 CFR 1.33(c), automatically changed to that of the patent file as of the effective date.

This change is effective for any reexamination proceeding which is pending before the Office as of May 16, 2007, including the present reexamination proceeding, and to any reexamination proceeding which is filed after that date.

Parties are to take this change into account when filing papers, and direct communications accordingly.

In the event the patent owner's correspondence address listed in the papers (record) for the present proceeding is different from the correspondence address of the patent, it is strongly encouraged that the patent owner affirmatively file a Notification of Change of Correspondence Address in the reexamination proceeding and/or the patent (depending on which address patent owner desires), to conform the address of the proceeding with that of the patent and to clarify the record as to which address should be used for correspondence.

Telephone Numbers for reexamination inquiries:

Reexamination and Amendment Practice (571) 272-7703 Central Reexam Unit (CRU) (571) 272-7705 Reexamination Facsimile Transmission No. (571) 273-9900



UNITED STATES PATENT AND TRADEMARK OFFICE

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(THIRD PARTY REQUESTER'S CORRESPONDENCE ADDRESS)

INTELLECTUAL PROPERTY LAW GROUP LLP

12 SOUTH FIRST STREET

SUITE 1205

SAN JOSE, CA 95113

EX PARTE REEXAMINATION COMMUNICATION TRANSMITTAL FORM

REEXAMINATION CONTROL NO. 90/008,574

PATENT NO. 5894554.

ART UNIT 3992.

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified ex parte reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filling a reply has passed, no submission on behalf of the ex parte reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

EXHIBIT B



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
90/008.574	04/03/2007	5894554	FRIENDFINDER RXI	2817
8791	7590 05/04/2007		EXAM	INER
BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD		Scott L. Weaven		
SEVENTH:			ART UNIT	PAPER NUMBER
LOS ANGE	LOS ANGELES, CA 90025-1030		£99.2	ZFW.
			13 A T 12 3 A A 11 1273 - 05/04/200	7

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450

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INTELLECTUAL PROPERTY LAW GROUP LLP

12 SOUTH FIRST STREET

SUITE 12:05

SAN JOSE, CA 95113

EX PARTE REEXAMINATION COMMUNICATION TRANSMITTAL FORM

REEXAMINATION CONTROL NO. 90/008,574.

PATENT NO. 5894554.

ART UNIT 3992.

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified ex parte reexamination proceeding (37 CFR 1.550(f)).

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	Control No.	Patent Under Reexamination		
Order Granting / Denying Request For Ex Parte Reexamination	90/008,574	5894554		
	Examiner	Art Unit		
	Scott L Weaver	3992		
The MAILING DATIE of this communication ap	pears on the cover sheet with th	e correspondence address—		
The request for ex parte reexamination filed <u>03 April 2007</u> has been considered and a determination has been made. An identification of the claims, the references relied upon, and the rationale supporting the determination are attached.				
Attachments: a) PTO-892, b)⊠ I	PTO/SB/08, c)⊠ Other:	Decision on Request		
1. The request for ex parte reexamination	Is GRANTED.			
RESPONSE TIMES ARE SET AS	RESPONSE TIMES ARE SET AS FOLLOWS:			
For Patent Owner's Statement (Optional): TWO MONTHS from the mailing date of this communication (37 CFR 1.530 (b)). EXTENSIONS OF TIME ARE GOVERNED BY 37 CFR 1.550(c).				
For Requester's Reply (optional): TWO MONTHS from the date of service of any timely filed Patent Owner's Statement (37 CFR 1.535). NO EXTENSION OF THIS TIME PERIOD IS PERMITTED. If Patent Owner does not file a timely statement under 37 CFR 1.530(b), then no reply by requester is permitted.				
2. The request for ex parte reexamination is DENIED.				
This decision is not appealable (35 U.S.C. 303(c)). Requester may seek review by petition to the Commissioner under 37 CFR 1.181 within ONE MONTH from the mailing date of this communication (37 CFR 1.515(c)). EXTENSION OF TIME TO FILE SUCH A PETITION UNDER 37 CFR 1.181 ARE AVAILABLE ONLY BY PETITION TO SUSPEND OR WAIVE THE REGULATIONS UNDER 37 CFR 1.183.				
In due course, a refund under 37 CFR 1.26 (c) will be made to requester:				
a) Dy Treasury check or,				
b) Deposit Account No, or				
c) Dy credit to a credit card account, unless otherwise notified (35 U.S.C. 303(c)).				
cc:Requester (if third party requester) U.S. Patent and Trademark Office				
PTOL-471 (Rev. 08-06) Office Action	in Ex Parte Reexamination	Part of Paper No. 20070425		

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Decision on Request for Ex Parte Reexamination

Reexamination has been requested for claims 1-11 of United States Patent Number 5,894,554 to Lowery et al. issued on April 13, 1999 from application No. 08/636,477 filed on April 23, 1996.

A substantial new question of patentability affecting claims 1-11 of United States Patent Number 5,894,554 to Lowery is raised by the request for reexamination filed on April 3, 2007 for the reasons set forth below.

The References Cited in The Request

The Request identifies the following documents as providing teachings relevant to claims 1-11 of United States Patent Number 5,894,554 to Lowery

Exhibit B: Installation and Planning Guide for Microsoft Internet Information Server, Version 1.0 ("Installation Guide").

Exhibit C: CDBC Web Database Add-on for Microsoft Internet Server Beta Release Notes (Exhibit B and C collectively hereafter referred to as "ODBC Notes").

Exhibit D: Oracle® Web Server User's Guide, Release 1.0 (1995).

Exhibit E: Katrina Montinola, "The Oracle WebServer: A Technical Discussion," September 25, 1995 (Exhibit D and E collectively hereafter referred to as "the Oracle references").

Exhibit F: John Gaffney, "Illustra's Web DataBlade Module, An Illustra Technical Paper," SIGMOD Record, Vol. 25, No. 1, March 1996 (hereafter "Illustra").

Exhibit G: Carl Lagoze, Erin Shaw, James R. Davis and Dean B. Krafft, "Dienst: Implementation Reference Manual," pp. 1-69 (May 5, 1995) (hereafter "Lagoze" or "Dienst").

Exhibit H: Alexander Clausnitzer, Pavel vogel and Stephan Wiesener, "A WWW Interface to the OMNIS/Myriad Literature Retrieval Engine" (1995) (hereafter "Clausnitzer").

Exhibit I: Christian Derler, "The World-Wide Web Gateway to Hyper-G: Using a Connectionless Protocol to Access Session-Oriented Services," Institut fur Informationsverarbeitung und Computergestutzte neue Medien, pp. 1-104 (March 1995) (hereafter "Derler").

Exhibit J: U.S. Patent No. 6,249,291 to Popp (hereafter Popp).

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Exhibit K: Bowman et al., "Harvest: A scalable, Customizable Discovery and Access

System" (March 12, 1995) (hereafter "Harvest").

Exhibit L: Antchev et al., "A WWW Learning Environment for Mathematics" (December

12, 1995) (hereafter "Antchev").

Exhibit M: Ashley Beitz, Renato Iannella, Andreas Vogel, zhonghua Yang, "integrating

WWW and Middleware" (May 2, 1995) (hereafter "Beitz").

Exhibit N: Ari Luotonen, and Kevin Altis, "World-Wide Web Proxies" (April 1994)

(hereafter "Luotonen").

Exhibit O: Richard Knudson, "Application Development with Microsoft's Internet

Information Server" (February 2, 1996) (hereafter "Knudson").

Each of the references listed as Exhibit B through Exhibit O has not previously been made of record during prosecution of the application which became the 5,894,554 patent to Lowery and as such has not been previously considered nor addressed during an 'examination' of the application which became the 5,894,554 patent to Lowery, nor in a final holding of invalidity by the Federal Courts. The references listed above are not cumulative to the prior art of record.

Prosecution History

The 5,894,554 patent to Lowery discloses management of dynamic web page generation requests to a web server with the request intercepted and routed from web server to a page server such as to release the web server from processing the request and so that the web server may process other requests concurrently. A dynamically generated web page with data dynamically retrieved from one or more data sources is generated from the intercepted request and sent back to the requesting client or stored on machine accessible to web server for later retrieval (col.2,ln.21-33; col.4,ln 54-62; col.5,ln 38-48; col.6,ln 21-32).

Claim 1 is representative:

1. A computer-implemented method for managing a dynamic Web page generation request to a Web server, said computer-implemented method comprising the steps

routing said request from said Web server to a page server, said page server receiving said request and releasing said Web server to process other requests, wherein said routing step further includes the steps of intercepting said request at said Web server, routing said request from said Web server to a dispatcher, and dispatching said request to said page server; processing said request, said processing being performed by said page server

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while said Web server concurrently processes said other requests; and dynamically generating a Web page in response to said request, said Web page including data dynamically retrieved from one or more data sources.

The examiner did not indicate reasons for allowance during prosecution of the application which became the 5,894,554 patent to Lowery. The record indicates that the prior art of record did not teach or suggest 'dynamically generating a Web page in response to a request wherein the Web page includes data dynamically retrieved from one or more data sources, as claimed'.

Issues Raised in the Request

The Requestor alleges that an SNQ is raised by Exhibits B and C collectively (ODBC Notes).

It is agreed that the consideration of Exhibit B and C (ODBC Notes) raises a substantial new question of patentability as to claims 1-11 of the 5,894,554 patent to Lowery.

Request pages 12-16 are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in ODBC Notes that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, ODBC Notes provides a discussion of features of the Microsoft Internet Information Server as shown in figure 2 of page 2 of the Release Notes Document portion of ODBC Notes which provides dynamic generation of web pages using a database connector as described in steps one through six on pages 12-16 of the request. Requester takes the position that the web server performs as a dispatcher dispatching the requests to database(s) and necessarily releases connections in order to support the described multiple simultaneous connections.

There is a substantial likelihood that a reasonable examiner would have considered the ODBC Notes reference describing these features important in making a decision as to the patentability of claims 1-11 during the examination of the application which became the 5,894,554 patent to Lowery. The ODBC Notes references describing the dynamic generation of a web page using the database connector and dispatch of requests to database by web server as described on pages 12-16 and 34-42 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, ODBC Notes raises a substantial new question of patentability as to claims 1-11, which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

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The Requestor alleges that an SNQ is raised by Exhibits D and E collectively (the Oracle references).

It is agreed that the consideration of Exhibit D and E (the Oracle references) raises a substantial new question of patentability as to claims 1-3 and 5-11 of the 5,894,554 patent to Lowery.

Request pages 16-20 are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in the Oracle references that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, the Oracle references provides a discussion of features of Release 1.0 of Oracle Web Server, which disclose a Listener which determines if a received request from a client is for a dynamic or static document (p.1-3 Exhibit C and p.3 Exhibit D). A web agent is invoked if the request is for a dynamic document and thus the interception of the request occurs at the listener. The web agent is described as serving as a dispatcher which dispatches a request to a dynamic web page server (Oracle Server 7) and releasing the listener to process other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Oracle references describing these features important in making a decision as to the patentability of claims 1-11 during the examination of the application which became the 5,894,554 patent to Lowery. The Oracle references describing the dynamic generation of a web page using the database connector and dispatch of requests to database by web server as described on pages 16-20 and 42-50 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, the Oracle references raises a substantial new question of patentability as to claims 1-3 and 5-11, which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit F (Illustra).

It is agreed that the consideration of Exhibit F (Illustra) raises a substantial new question of patentability as to claims 1-5 and 7-11 of the 5,894,554 patent to Lowery.

Request pages 20-22 section C are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Illustra that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, Illustra provides a discussion of features of the Illustra web server architecture for generating a dynamic web page as shown on page 110 figure 2 of Illustra.

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There is a substantial likelihood that a reasonable examiner would have considered the Illustra reference describing these features important in making a decision as to the patentability of claims 1-5 and 7-11 during the examination of the application which became the 5.894.554 patent to Lowery. The Illustra reference describing the dynamic generation of a web page using the described components as described on pages 20-22 and 50-55 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, Illustra raises a substantial new question of patentability as to claims 1-5 and 7-11, which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit G (Lagoze (Dienst)).

It is agreed that the consideration of Exhibit G (Lagoze (Dienst)) raises a substantial new question of patentability as to claims 1-4 and 7-11 of the 5,894,554 patent to Lowery.

Request pages 22-24 section D are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Lagoze (Dienst)) that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, the request provides a discussion of Lagoze (Dienst)) which includes a system and method for managing requests for documents ("Web Pages") stored on page server (Dienst server) or other server from WWW clients. The requester indicates that Dienst discloses the requests from the client being intercepted at the server by a CGI (Common Gateway Interface) stub as shown via figure 2 on page 10 of Dienst. The CGI stub dispatches the requests to a page server (Dienst server) which retrieve the requested dynamic content for delivery to the requesting client and which allows the WWW server to handle other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Lagoze reference (Dienst) describing the dynamic generation of a web page using the Dienst Server, WWW server and CGI stub important in making a decision as to the patentability of claims 1-4 and 7-11 during the examination of the application which became the 5,894,554 patent to Lowery. The Lagoze (Dienst) reference describing the dynamic generation of a web page using the described components as described on pages 22-24 and 55-61 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, Lagoze (Dienst)) raises a substantial new question of patentability as to claims 1-4 and 7-11, which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

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The Requestor alleges that an SNQ is raised by Exhibit H (Clausnitzer).

It is agreed that the consideration of Exhibit H (Clausnitzer) raises a substantial new question of patentability as to claims 1-5 and 7-11 of the 5,894,554 patent to Lowery.

Request pages 24-26 section E are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Clausnitzer that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, Clausnitzer provides a discussion of a WWW interface to a search and retrieval system as shown in figure 5 as shown on page 25 of the request. The figure and explanation accompanying show a CGI gateway program, OMNIS servers and document servers which manages requests for documents stored on a server from WWW clients. The request indicates the requests from the client being intercepted at the server by a CGI (Common Gateway Interface) stub as shown via figure 5 of Clausnitzer.

There is a substantial likelihood that a reasonable examiner would have considered the Clausnitzer reference describing these features important in making a decision as to the patentability of claims 1-5 and 7-11 during the examination of the application which became the 5,894,554 patent to Lowery. The Clausnitzer reference describing the dynamic generation of a web page using the described components as described on pages 24-26 and 61-66 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, Clausnitzer raises a substantial new question of patentability as to claims 1-5 and 7-11, which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit I (Derler).

It is agreed that the consideration of Exhibit I (Derler) raises a substantial new question of patentability as to claims 1-6 and 9-11 of the 5,894,554 patent to Lowery.

Request pages 26-29 section F are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Derler that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, Derler provides a discussion of a WWW (world wide web) Gateway which includes software features including Master, Slave, and Child processes which intercept and dispatch requests to the page server (a Hyper-G server) while the WWW Gateway processes other requests. Derler describes the generation of dynamic web pages using architecture as shown in figure 4.17 on page 95.

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There is a substantial likelihood that a reasonable examiner would have considered the Derler reference describing the dynamic generation of a web page using the Master, Slave, Child processes of the gateway and Hyper-G server important in making a decision as to the patentability of claims 1-6 and 9-11 during the examination of the application which became the 5,894,554 patent to Lowery. The Derler reference describing the dynamic generation of a web page using the described components as described on pages 26-29 and 66-73 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, Derler raises a substantial new question of patentability as to claims 1-6 and 9-11 which question has not been decided in a previous examination of the 5,894,554 patent to Lowery.

The Requestor alleges that an SNQ is raised by Exhibit J (Popp).

It is agreed that the consideration of Exhibit J (Popp) raises a substantial new question of patentability as to claims 1-3, 5, and 7-11 of the 5,894,554 patent to Lowery.

Request pages 29-31 section G are hereby incorporated by reference from the request for reexamination for their explanation of the teaching provided in Popp that was not present in the prosecution of the application which became the 5,894,554 patent to Lowery.

In summary, Popp provides a discussion of using a web server, CGI Messenger and page servers to generate dynamic web pages. The CGI messenger takes over the request for dynamic content and acts as a dispatcher releasing the web server to process other incoming requests.

There is a substantial likelihood that a reasonable examiner would have considered the Popp reference describing the dynamic generation of a web page using these features important in making a decision as to the patentability of claims 1-3, 5, and 7-11 during the examination of the application which became the 5,894,554 patent to Lowery. The Popp reference describing the dynamic generation of a web page using the described components as described on pages 29-31 and 73-78 of the request was not before the office during any previous examination of the application which became the 5,894,554 patent to Lowery.

Accordingly, Popp raises a substantial new question of patentability as to claims 1-3, 5, and 7-11 which question has not been decided in a previous examination of the 5,894,554 patent to Lowery

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Requestor further alleges that claims 4-8 may be unpatentable in consideration of various combinations of exhibits A-J and secondary references K-O as indicated on pages 78-81 of the request. Since each of the exhibits A-J as indicated in the request is considered to raise a substantial new question of patentability as noted above, the combinations of exhibits in combination therewith as suggested on pages 78-81 of the request also raises substantial new question of patentability for similar reasons.

All claims 1-11 of the 5,894,554 patent to Lowery will be reexamined as requested in the request filed on 4/3/2007.

Extensions of time under 37 CFR 1.136(a) will not be permitted in these proceedings because the provisions of 37 CFR 1.136 apply only to "an applicant" and not to parties in a reexamination proceeding. Additionally, 35 U.S.C. 305 requires that ex parte reexamination proceedings "will be conducted with special dispatch" (37 CFR 1.550(a)). Extensions of time in ex parte reexamination proceedings are provided for in 37 CFR 1.550(c).

The patent owner is reminded of the continuing responsibility under 37 CFR 1.565(a) to apprise the Office of any litigation activity, or other prior or concurrent proceeding, involving U.S. Patent Number 5,894,554 throughout the course of this reexamination proceeding. The third party requester is also reminded of the ability to similarly apprise the Office of any such activity or proceeding throughout the course of this reexamination proceeding. See MPEP §§ 2207, 2282 and 2286.

Please mail any communications to: Attn: Mail Stop "Ex Parte Reexam" Central Reexamination Unit Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450

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Please FAX any communications to:

(571) 273-9900

Central Reexamination Unit

Please hand-deliver any communications to:

Customer Service Window

Attn: Central Reexamination Unit Randolph Building, Lobby Level 401 Dulany Street Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the Reexamination Legal Advisor or Examiner, or as to the status of this proceeding, should be directed to the Central Reexamination Unit at telephone number (571) 272-7705.

Scott L Weaver Primary Examiner

Central Reexam Unit 3992

(571) 272-7548

SCOTT L. WEAVER CRU EXAMINER-AU 3992 Conferees:

CRU EXAMINER-AU 3992

SPRE-AU 3992 **CENTRAL REEXAMINATION UNIT**

NOTICE RE PATENT OWNER'S CORRESPONDENCE ADDRESS

Effective May 16, 2007, 37 CFR 1.33(c) has been revised to provide that:

The patent owner's correspondence address for all communications in an ex parte reexamination or an interpartes reexamination is designated as the correspondence address of the patent.

Revisions and Technical Corrections Affecting Requirements for Ex Parte and Inter Partes Reexamination, 72 FR 18892 (April 16, 2007) (Final Rule)

The correspondence address for any pending reexamination proceeding not having the same correspondence address as that of the patent is, by way of this revision to 37 CFR 1.33(c), automatically changed to that of the patent file as of the effective date.

This change is effective for any reexamination proceeding which is pending before the Office as of May 16, 2007, including the present reexamination proceeding, and to any reexamination proceeding which is filed after that date.

Parties are to take this change into account when filing papers, and direct communications accordingly.

In the event the patent owner's correspondence address listed in the papers (record) for the present proceeding is different from the correspondence address of the patent, it is strongly encouraged that the patent owner affirmatively file a Notification of Change of Correspondence Address in the reexamination proceeding and/or the patent (depending on which address patent owner desires), to conform the address of the proceeding with that of the patent and to clarify the record as to which address should be used for correspondence.

Telephone Numbers for reexamination inquiries:

Reexamination and Amendment Practice (571) 272-7703 Central Reexam Unit (CRU) (571) 272-7705 Reexamination Facsimile Transmission No. (571) 273-9900

CERTIFICATE OF SERVICE

I hereby certify that on May 18, 2007, I caused to be served by hand delivery the foregoing document and electronically filed the same with the Clerk of Court using CM/ECF which will send notification of such filing(s) to the following:

Richard L. Horwitz Esquire
David E. Moore, Esquire
Potter Anderson & Corroon LLP
1313 N. Market Street, Hercules Plaza, 6th Floor
P.O. Box 951
Wilmington, DE 19899

I hereby certify that on May 18, 2007, I sent by Federal Express the foregoing document to the following non-registered participants:

Larry D. Carlson, Esquire Kevin J. Meek, Esquire Jeff Moles, Esquire Baker Botts LLP 2001 Ross Avenue Dallas, TX 75201-2980

Anne Shea Gaza (#4093)

Gaza@rlf.com